

WHAT IS CLAIMED IS:

1. A light-emitting device comprising:

a pixel portion having a plurality of light-emitting elements of three kinds (red, green, and blue) having a transparent first electrode, a layer including an organic compound and touching the first electrode, and a transparent second electrode touching the layer including the organic compound; and

wherein luminescence of three colors of red, green, and blue forms approximately the same triangles in a color coordinate as for both luminescence passing a first electrode and luminescence passing a second electrode.

2. A light-emitting device comprising;

a pixel portion having a plurality of light-emitting elements of white having a transparent first electrode, a layer including an organic compound and touching the first electrode, and a transparent second electrode touching the layer including the organic compound;

two color filters which sandwich the light-emitting element, and

wherein transmitted light of three colors transmitted through each the two color filters form approximately the same triangles in a color coordinate as for both luminescence passing a first electrode and luminescence passing a second electrode.

3. A light-emitting device according to Claim 1, wherein the first electrode and the second electrode are a cathode or an anode of the light-emitting element that the layer including an organic compound is a light-emitting layer.

4. A light-emitting device according to Claim 2, wherein the first electrode and the second electrode are a cathode or an anode of the light-emitting element that the layer including an organic compound is a light-emitting layer.

5. A light-emitting device according to Claim 1, wherein number of layers to be passed is different between light transmitted through the first electrode and light transmitted through the second electrode.

6. A light-emitting device according to Claim 2, wherein number of layers to be passed is different between light transmitted through the first electrode and light transmitted through the second electrode.

7. A light-emitting device according to Claims 1, wherein a TFT is connected to the first electrode or the second electrode.

8. A light-emitting device according to Claims 2, wherein a TFT is connected to the first electrode or the second electrode.

9. A light-emitting device according to Claim 1, wherein one of the first electrode and the second electrode is a transparent conductive film, other one of the first electrode and the second electrode is a metal thin film transmitting light.

10. A light-emitting device according to Claim 2, wherein one of the first electrode and the second electrode is a transparent conductive film, other one of the first electrode and the second electrode is a metal thin film transmitting light.

11. An electronic appliance according to Claim 1, wherein the light-emitting device is selected from the group consisting of a video camera, a digital camera, a car navigation, a personal computer, or a portable information terminal.

12. An electronic appliance according to Claim 2, wherein the light-emitting device is selected from the group consisting of a video camera, a digital camera, a car navigation, a personal computer, or a portable information terminal.

13. A light-emitting device comprising;
a pixel portion having a plurality of light-emitting elements of white having a transparent first electrode, a layer including an organic compound and touching the first electrode, and a transparent second electrode touching the layer including the organic compound;

two color filters which sandwich the light-emitting element of white.

14. A light-emitting device according to Claim 13, wherein the first electrode and the second electrode are a cathode or an anode of the light-emitting element that the layer including an organic compound is a light-emitting layer.

15. A light-emitting device according to Claim 13, wherein number of layers to be passed is different between light transmitted through the first electrode and light transmitted through the second electrode.

16. A light-emitting device according to Claims 13, wherein a TFT is connected to the first electrode or the second electrode.

17. A light-emitting device according to Claim 13, wherein one of the first electrode and the second electrode is a transparent conductive film, other one of the first electrode and the second electrode is a metal thin film transmitting light.

18. An electronic appliance according to Claim 13, wherein the light-emitting device is selected from the group consisting of a video camera, a digital camera, a car navigation, a personal computer, or a portable information terminal.